

SEQUENCE LISTING

0> VENETSANAKOS, ELENI

<120> METHODS FOR TREATING CANCER USING PORIMIN AS A TARGET

<130> 26312.0002

<160> 6

<170> PatentIn version 3.1

<210> 1

<211> 3338

<212> DNA

<213> HUMAN PORIMIN

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<212> DNA

<213> HUMAN PORIMIN

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<212> PRT

<213> HUMAN PORIMIN

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Ala Glu Thr Leu Gln His Val Pro Ser Asp His Thr Asn Glu Thr Ser 35 40 45

Asn Ser Thr Val Lys Pro Pro Thr Ser Val Ala Ser Asp Ser Ser Asn 50 55 60

Thr Thr Val Thr Thr Met Lys Pro Thr Ala Ala Ser Asn Thr Thr 65 70 75 80

Pro Gly Met Val Ser Thr Asn Met Thr Ser Thr Thr Leu Lys Ser Thr 85 90 95

Pro Lys Thr Thr Ser Val Ser Gln Asn Thr Ser Gln Ile Ser Thr Ser 100 105 110

Thr Met Thr Val Thr His Asn Ser Ser Val Thr Ser Ala Ala Ser Ser 115 120 125

Val Thr Ile Thr Thr Met His Ser Glu Ala Lys Lys Gly Ser Lys 130 135 140

Phe Asp Thr Gly Ser Phe Val Gly Gly Ile Val Leu Thr Leu Gly Val 145 150 155 160

Leu Ser Ile Leu Tyr Ile Gly Cys Lys Met Tyr Tyr Ser Arg Arg Gly 165 170 175

Ile Arg Tyr Arg Thr Ile Asp Glu His Asp Ala Ile Ile 180 185

<210> 4

<211> 208

<212> PRT

<213> HUMAN PORIMIN

<400> 4

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n Val Leu Ala Leu Leu Gly Ala Ala His Glu Ser Ala Ala Met
 $20 \hspace{1.5cm} 25 \hspace{1.5cm} 30$

Ala Ala Ser Ala Asn Ile Glu Asn Ser Gly Leu Pro His Asn Ser Ser

45

35 40

Ala Asn Ser Thr Glu Thr Leu Gln His Val Pro Ser Asp His Thr Asn 50 60

Glu Thr Ser Asn Ser Thr Val Lys Pro Pro Thr Ser Val Ala Ser Asp 65 70 75 80

Ser Ser Asn Thr Thr Val Thr Thr Met Lys Pro Thr Ala Ala Ser Asn 85 90 95

Thr Thr Thr Pro Gly Met Val Ser Thr Asn Met Thr Ser Thr Thr Leu 100 105 110 .

Lys Ser Thr Pro Lys Thr Thr Ser Val Ser Gln Asn Thr Ser Gln Ile 115 120 125

Ser Thr Ser Thr Met Thr Val Thr His Asn Ser Ser Val Thr Ser Ala 130 135 140

Ala Ser Ser Val Thr Ile Thr Thr Met His Ser Glu Ala Lys Lys 145 150 155 160

Gly Ser Lys Phe Asp Thr Gly Ser Phe Val Gly Gly Ile Val Leu Thr 165 170 175

Leu Gly Val Leu Ser Ile Leu Tyr Ile Gly Cys Lys Met Tyr Tyr Ser 180 185 190

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<210> 5

<211> 118

<212> PRT

<213> Human Porimin

<400> 5

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Asn Thr Thr Val Thr Met Lys Pro Thr Ala Ala Ser Asn Thr Thr 35 40 45

Thr Pro Gly Met Val Ser Thr Asn Met Thr Ser Thr Thr Leu Lys Ser 50 60

Thr Pro Lys Thr Thr Ser Val Ser Gln Asn Thr Ser Gln Ile Ser Thr 65 70 75 80

Ser Thr Met Thr Val Thr His Asn Ser Ser Val Thr Ser Ala Ala Ser 85 90 95

Ser Val Thr Ile Thr Thr Met His Ser Glu Ala Lys Lys Gly Ser

Lys Phe Asp Thr Gly Ser 115

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<211> 137

<212> PRT

<213> Human Porimin

<400> 6

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Asn Glu Thr Ser Asn Ser Thr Val Lys Pro Pro Thr Ser Val Ala Ser 35 40 45

Asp Ser Ser Asn Thr Thr Val Thr. Thr Met Lys Pro Thr Ala Ala Ser 50 60

Asn Thr Thr Thr Pro Gly Met Val Ser Thr Asn Met Thr Ser Thr Thr 65 70 75 80

Leu Lys Ser Thr Pro Lys Thr Thr Ser Val Ser Gln Asn Thr Ser Gln 85 90 95

Ile Ser Thr Ser Thr Met Thr Val Thr His Asn Ser Ser Val Thr Ser 100 105 110

Ala Ala Ser Ser Val Thr Ile Thr Thr Thr Met His Ser Glu Ala Lys 115 120 125

Lys Gly Ser Lys Phe Asp Thr Gly Ser 130 135